Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107262.D
Acq On : 10 Jul 2018 10:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/11/2018 11:22:17 AM

Quant Time: Jul 11 10:00:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53484	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	222825	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	117349	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	233315	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	171658	20.00	ng		-0.02
86) Perylene-d12	15.67	264	160326	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	249617	79.03	ng		-0.02
7) Phenol-d6	6.60	99	316050	80.13	ng		-0.02
23) Nitrobenzene-d5	7.52	82	314453	78.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	105957	77.90	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	543371	76.98	ng		-0.02
78) Terphenyl-d14	13.07	244	618067	87.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	57767	35.574	ng		99
3) Pyridine	3.57	79	166135	37.724	ng		98
4) n-Nitrosodimethylamine	3.55	42	69862	37.350	ng		86
6) Aniline	6.61	93	208018	38.878	ng	#	78
8) 2-Chlorophenol	6.74	128	140998	40.700	ng		99
9) Benzaldehyde	6.50	77	103257	38.195	ng		98
10) Phenol	6.61	94	170581	37.894	ng	#	69
11) bis(2-Chloroethyl)ether	6.68	93	150371	40.464	ng		98
12) 1,3-Dichlorobenzene	6.88	146	165066	40.682	ng		98
13) 1,4-Dichlorobenzene	6.96	146	165983	40.463	ng		98
14) 1,2-Dichlorobenzene	7.11	146	150289	39.976	ng		98
15) Benzyl Alcohol	7.09	79	119860	37.844	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	182378	37.405	ng	#	36
17) 2-Methylphenol	7.21	107	130600	44.052	ng	#	92
18) Hexachloroethane	7.45	117	56505	39.170	ng	#	86
19) n-Nitroso-di-n-propylamine	7.36	70	102263	39.332	ng		91
20) 3+4-Methylphenols	7.36	107	143507	44.778	ng	#	70
22) Acetophenone	7.35	105	199005	39.920	ng	#	96
24) Nitrobenzene	7.54	77	158029	38.604	ng		97
25) Isophorone	7.77	82	285749	40.443	ng		97
26) 2-Nitrophenol	7.85	139	82259	42.567	ng		93
27) 2,4-Dimethylphenol	7.88	122	122305	40.947	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	189256	39.895	ng		98
29) 2,4-Dichlorophenol	8.10	162	131653	42.101	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	150493	43.686	ng		96
31) Naphthalene	8.25	128	424003	40.700	ng		99
32) Benzoic acid	8.04	122	64957m	32.059	ng		
33) 4-Chloroaniline	8.30	127	180060	41.192	ng		99
34) Hexachlorobutadiene	8.35	225	98136	43.720	ng		99
35) Caprolactam	8.69	113	42696m	41.886	ng		
36) 4-Chloro-3-methylphenol	8.80	107	138350	42.033	ng		99
37) 2-Methylnaphthalene	8.94	142	301472	43.659	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	161422	40.846	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	73739	36.266	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	90768	34.553	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	92065	33.587	ng	#	90
45) 1,1'-Biphenyl	9.41	154	372131	39.791	ng		97
46) 2-Chloronaphthalene	9.44	162	272391	37.002	ng		95
47) 2-Nitroaniline	9.54	65	90627	36.610	ng		97
48) Acenaphthylene	9.85	152	416792	35.861	ng		98
49) Dimethylphthalate	9.70	163	321124	36.486	ng		98
50) 2,6-Dinitrotoluene	9.78	165	75543	40.534	ng	#	76
51) Acenaphthene	10.02	154	267229	36.513	ng		98
52) 3-Nitroaniline	9.95	138	83837	39.092	ng		99
53) 2,4-Dinitrophenol	10.07	184	35583m	39.617	ng		
54) Dibenzofuran	10.20	168	377666	37.685	ng		97
55) 4-Nitrophenol	10.14	139	47944	32.027	ng		95
56) 2,4-Dinitrotoluene	10.19	165	89131	36.639	ng	#	94
57) Fluorene	10.54	166	315502	39.674	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	73525	33.743	ng	#	77
59) Diethylphthalate	10.40	149	306711	36.106	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	168095	40.398	ng	#	84
61) 4-Nitroaniline	10.58	138	83185	39.083	ng		92
62) Azobenzene	10.69	77	285992	34.188	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	46396	32.170	ng		81
65) n-Nitrosodiphenylamine	10.65	169	288746	36.794	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	113350	40.708	ng	#	82
67) Hexachlorobenzene	11.09	284	120897	41.483	ng	#	86
68) Atrazine	11.18	200	95542	38.297	ng		95
69) Pentachlorophenol	11.30	266	46999m	32.321	ng		
70) Phenanthrene	11.51	178	446804	39.704	ng		99
71) Anthracene	11.57	178	455718	39.675	ng		100
72) Carbazole	11.72	167	413557	38.456	ng		98
73) Di-n-butylphthalate	12.02	149	460497	36.348	ng		99
74) Fluoranthene	12.71	202	481137	38.791	ng		95
76) Benzidine	12.82	184	157015	32.117	ng		98
77) Pyrene	12.94	202	484430	42.795	ng		99
79) Butylbenzylphthalate	13.53	149	178517	38.357	ng	#	94
80) Benzo(a)anthracene	14.13	228	423872	40.515	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	137803	37.477	ng	#	97
82) Chrysene	14.17	228	385926	40.096	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	210667	35.406	ng	#	97
84) Di-n-octyl phthalate	14.70	149	374002	38.561	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	391666	47.951	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	376047	37.758	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	360951	38.058	ng	#	96
89) Benzo(a)pyrene	15.61	252	339797	38.379	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	327418	43.636	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	335156	45.699	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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